

Application No.: NEW

Docket No.: 2611-0249PUS1

IN THE ABSTRACT OF THE DISCLOSURE

Replace the Abstract of the Disclosure currently of record with the attached new Abstract of the Disclosure.

Abstract

A re-transmission control method for a transmitting device that transmits a codeword generated based on a first parity-check matrix to a receiving device, and re-transmits a k -th additional parity generated based on a k -th parity-check matrix to the receiving device when receiving a NAK for the codeword or a $(k-1)$ -th additional parity, comprising: generating a $(k+1)$ -th parity-check matrix based on a k -th parity-check matrix; generating a generator matrix based on the $(k+1)$ -th parity-check matrix; and generating the k -th additional parity based on the generator matrix.